CANADIAN SUPERIOR EXPLORATION LIMITED

DIAMOND DRILL RECORD

010405

HOLE NO: 72-2

LOCATION: 312+60-N, 526+00-E

AZIMUTH: 316°

PROPERTY: Chataway Explorations Ltd

DIP: 45°10'

LENGTH: 500 Ft

ELEVATION: 4700 ASL ± 50'

CLAIM NO: Len 12

STARTED: April 8th 1972

CORE SIZE: BQ

DATE LOGGED: April 4th, 1972
April 7th 1972

SECTION: —

COMPLETED: April 6th 1972

DIP TESTS:
45½° @ 250'
41½° @ 500'

LOGGED BY: Jay D. Murphy

PURPOSE: Test IP Anomaly

FOOTAGE from	FOOTAGE to	DESCRIPTION	SAMPLE NO.	FOOTAGE from	FOOTAGE to	LENGTH
0.0	17.0	Casing: Stick up 2.6'				
17.0	174.7	Granodiorite: Chataway variety, generally fresh, pinkish grey, med. grained, uniform, massive, well formed subhedral to euhedral mafics hornblende to biotite an outstanding characteristic, hbdo. slightly chloritized, otherwise little evidence of alteration or movement, minor pink K altn.				
		65.1 - ½" [illegible] kaolinized slip @ 25° w. parallel carb. str., previous 36" core 'blocky'				
		76.2 - 24" dyke, top 2" aplitic adjacent to ctd. sharp @ 55°, balance of section med. grey, fine grained w. coarse mafic phenos, fairly high percentage of mafics mainly as fine platey XLS in matrix, classified tentatively as Kitchen Brook 'B'				
		109.0-139.5 - Shear zone, core strongly broken up, blocky, abundant development of plastic gouge up to 12", rock has more greenish tint due to chloritization of mafics				

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FOOTAGE from	FOOTAGE to	DESCRIPTION	SAMPLE No:	FOOTAGE from	FOOTAGE to	LENGTH						
17.0	171.7	GRANODIORITE: Chatoway Variety (cont'd)										
		109.0 – 135.5 (cont'd) and greenish altn of feldspars considered as sericitization, altitude of movement indefinite but 2" gouge at start of section fairly definite as 50°, minor introduced carb. stks @ 30-45°, final 24" section consists of 15" clayey gouge followed by 9" crushed section consisting of coarse rock fragments in matrix of rock flour, grades back to fairly fresh normal granodiorite, shearing near end of section at about 50°,										
171.7	225.4	GRANODIORITE: Witches Brook Variety B relatively fresh, medium greenish grey, slightly porphyritic w. med. to coarse bldg. in f.g. matrix, fairly massive homogeneous appearance, top ctct. w. Chatoway sharp as 60° with 1" pk. feldspathic band, rock becomes progressively darker & softer due to sericitization of felds. as shatter zone is approached,										
		185.4 - 224.8 Shatter Zone, rock strongly fractured, brecciated and altered to gouge, shaft sections showing less evidence of movement have been strongly sericitized with resultant dark green color, start of section indicates movement as 40°, some strong slips as small angles to core also, minor introduced carbonate stks, appreciable qtz. as mineralized										

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FOOTAGE from	FOOTAGE to	DESCRIPTION	SAMPLE Nº	FOOTAGE from	FOOTAGE to	LENGTH	Cu.	MoS_2	Au.			
171.7	225.4	GRANODIORITE: Witches Brook Variety 'B' (cont'd										
		188.4 - 224.8 - Shatter Zone (cont'd)										
		'crackled' veins & fragments with										
		'gouge', minor graphite along slip & mixed										
		with clayey 'gouge' mat'l, numerous well defined										
		slips between 25 & 50° to core, predominant attitude										
		35-40° Minor Bornite & Molybdenite w. qtz.										
		SAMPLE: dark green soft, mainly gouge & fragments	229	200.5	202.5	2.0	0.09	0.025				
		SAMPLE: grey crackled qtz. w. Bornite & MoS_2	230	202.5	204.5	2.0	0.47	0.345				
		along narrow fractures, graphitic 'gouge'										
		over 6" @ start of section										
		SAMPLE: mainly gouge w. qtz. frags.	231	204.5	206.5	2.0	0.38	0.036				
		SAMPLE: 12" gouge followed by 'blocky' fractured section	232	206.5	211.5	5.0	0.11	0.172				
		SAMPLE: 3" qtz. @ 40° w. fair MoS_2 as	233	211.5	213.0	1.5	0.07	0.158				
		disseminated flakes & coatings along										
		contacts										
		SAMPLE: strongly fractured, barren granodiorite	234	213.0	216.0	3.0	0.03	0.022				
		7" ground core.										
		strongly alt'd (sericitised) section of shatter zone										
		less little or no effect on magnet in contrast to										
		less alt'd section,										
225.4	500.0	GRANODIORITE: Chatoway Variety, generally fresh										
		appearance, mod. grey color w.										
		pinkish cast probably due to										
		Kspar alt'n, normally uniform, massive w.										
		faulted, fractured sections as noted, occasional										
		reddish orange unidentified min. as v. fine stns.										
		($ZnCO_3$?)										
		228.0 - 233.0 - 24" lost core										
		233.0 - 6" strongly graphitic 'gouge' in fault zone										
		@ 45°										

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FOOTAGE from	FOOTAGE to	DESCRIPTION	SAMPLE NO:	FOOTAGE from	FOOTAGE to	LENGTH
225.4	500.0	GRANODIORITE Chatonby Variety (Cont'd)				
		236.0 - Fault zone consisting of 24" rock flour fragments & gouge followed by 16" strongly graphitic gouge, apparent attitude 30°				
		2325 - 30" section strongly altd (serpentised ?) to dark green color, soft, chloritic, carbonaceous, grades to normal granodiorite				
		2620 - 268.0: 3.8' lost core due to reported 'round section'				
		285.5 - 6" gouge developed				
		285.5 - 330.5 Shattered zone, very blocky with some development of fault gouge & slickensides, otherwise rock relatively unaltd, strong development of gouge over final 24", attitude of movement poorly defined, numerous minor slips @ 50°				
		460.5 - 481.0 - 'blocky' section with numerous irregular dry fractures @ 35-65° max indicative of tension rather than movement				
		464.5 - 24" fault zone strongly brecciated and clayey, movement appears 45-50° to core				
		499.5 - 18" fault zone, strongly brecciated & clayey, attitude not apparent,				
	500.0	End of Hole				